



QUY100 Crawler Crane

Engine	
Model	Cummins QSL-9
Type	Direct injection, turbocharged, water cooled
Rated power	209KW
Rated speed	2000rpm
Boom Derricking System	
Drum diameter	440mm
Rope diameter	20mm
Rope length	230m

Shanghai Longji Construction Machinery Co., Ltd.

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Max. rope speed	54m/min
Main Winch	
Drum diameter	610mm
Rope diameter	26mm
Rope length	285m
Max. rope speed	116m/min
Aux. Winch	
Drum diameter	610mm
Rope diameter	26mm
Rope length	210m
Max. rope speed	116m/min
Main Technical Specification	
Max. rated lifting capacity	100000Kg
Operating weight	103000Kg
Hook blocks	100000/50000/9000Kg
Standard boom	16-73m
Fixed jib	13-25m
Boom angle	30-80°
Under Carriage System	
Number of Track rollers(each side)	11
Track width	1015mm
Number of track shoes(L/R)	110
Track tension	Hydraulic
Traveling speed	0.9-1.3km/h
Grade ability	30%

Total rated lifting load for boom

360° rotation, counterweight 34t Lifting load (ton)																					
Working Radius(m)	Standard Boom Length(m)																				
	16	19	22	25	28	31	34	37	40	43	46	49	52	55	58	61	64	67	70	73	
5	100	100																			
5.5	100	95	90.3																		
6	87.1	83.9	80.9	77																	
7	70.1	64.8	65.8																		

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